

Converting Colors

HunterLab(48.3996, -10.4336,
13.7535)

Have a look what the booklet for
HunterLab(48.3996, -10.4336,
13.7535) contains.

HunterLab(48.3765, -10.1366, 13.5806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.3765,
-10.1366, 13.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8968
RGB	127, 137, 104
RGB Percent	50%, 54%, 41%
CMY	0.5020, 0.4627, 0.5922
CMYK	0.07, 0.00, 0.24, 0.46
HSL	78°, 14%, 47%
HSV	78°, 24%, 54%
XYZ	20.1968, 23.4029, 16.5495
YIQ	130.2480, 4.6330, -12.3830

Conversions

Conversions Part 2

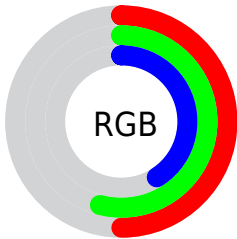
Format	Color
RYB	104, 137, 114
Decimal	8358248
CIELab	55.49, -9.76, 16.52
CIELCh	55, 19.184, 120.577
Yxy	23.4039, 0.3358, 0.3891
Android (android.graphics.Color)	4286548328 (0xFF7F8968)
YUV	130.2480, -12.9403, -2.8485
Hunter-Lab	48.3765, -10.1366, 13.5806

Details

The HunterLab color $48.3765, -10.1366, 13.5806$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $39.0959, 6.4874, -11.6893$, and the grayscale version is $47.3936, -2.5288, 2.5750$.

A 20% lighter version of the original color is $69.9262, -12.2166, 16.5809$, and $29.5491, -7.6820, 10.3066$ is the 20% darker color. If you saturate the color by 10%, you get $47.7864, -12.8367, 17.1361$, and if you desaturate by 10%, it is $49.0212, -7.1999, 9.4629$.

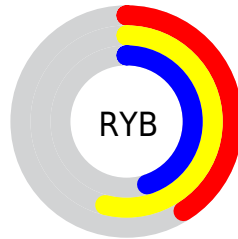
Distribution



Red (50%)

Green (54%)

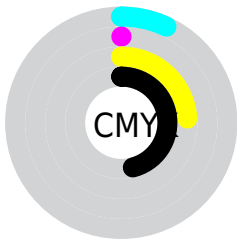
Blue (41%)



Red (41%)

Yellow (54%)

Blue (45%)

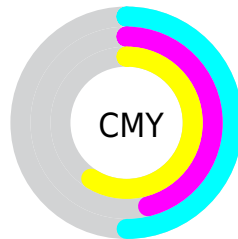


Cyan (7%)

Magenta (0%)

Yellow (24%)

Black (46%)



Cyan (50%)

Magenta (46%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3765, -10.1366, 13.5806 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 48.3765, -10.1366, 13.5806 by changing the saturation by 10% instead.

■ 48.3765, -10.1366,
13.5806

■ 48.3765, -10.1366,
13.5806

164.2537,
-20.3302, 26.7138

■ 38.5902, -9.0304,
12.0246

■ 70.0397, -12.3464,
16.5804

■ 29.5696, -7.9107,
10.4051

■ 81.8318, -13.4566,
18.0461

■ 21.3877, -6.7648,
8.6902

■ 94.2200, -14.5747,
19.4991

■ 14.1413, -5.5675,
6.9137

■ 107.1771,
-15.7023, 20.9445

■ 7.7931, -5.8728,
5.4552

120.6791,
-16.8408, 22.3860

0.0000, NaN, NaN

134.7048,

0.0000, NaN, NaN

-17.9911, 23.8266

0.0000, NaN, NaN

149.2353,
-19.1541, 25.2686

0.0000, NaN, NaN

■ 48.3765, -10.1366,
13.5806

■ 48.3765, -10.1366,
13.5806

■ 47.7864, -12.8367,
17.1361

■ 49.0212, -7.1999,
9.4629

■ 47.2471, -15.2917,
20.1274

■ 49.7174, -4.0298,
4.7873

■ 46.7590, -17.5010,
22.5619

■ 50.4661, -0.6362,
-0.4347

■ 46.3204, -19.4656,
24.4539

■ 51.2669, 2.9706,
-6.1880

■ 45.9297, -21.1909,
25.8275

■ 52.1192, 6.7795,
-12.4541

■ 45.5842, -22.6868,
26.7175

■ 53.0221, 10.7787,
-19.2121

■ 45.2802, -23.9709,
27.1773

■ 53.9747, 14.9559,
-26.4392

■ 45.1119, -24.6771,
27.3658

■ 54.9760, 19.2987,
-34.1113

■ 56.0246, 23.7950,
-42.2036

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3776, -2.7382, 15.0637



48.3765, -10.1366, 13.5806



48.3776, -15.2256, 9.2634

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.3776, -10.1378, 13.5812



48.3776, -9.8868, -11.8685



48.3776, 13.7194, 2.7800

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.3765, -10.1366, 13.5806



39.0959, 6.4874, -11.6893

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.3776, 11.5060, -5.0923



48.3765, -10.1366, 13.5806



48.3776, -2.4294, -14.3362

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.3776, -10.1378, 13.5812



48.3776, -15.0873, -5.3879



48.3776, 5.4640, -11.6794



48.3776, 11.3344, 9.4798

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3765, -10.1366, 13.5806



48.3776, -16.7972, 4.9605



48.3776, 5.4640, -11.6794



48.3776, 13.4871, 0.1845

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.3776, -10.1378, 13.5812



66.2376, -6.7256, 8.4031



42.8144, 3.5473, 8.3071



31.3491, -3.2802, 4.1208



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.3776, -10.1378, 13.5812



64.2900, -15.6111, 20.9082



47.1652, -14.6043, 12.3433



24.0212, -2.7572, 3.5171



43.5456, -23.7870, 26.4161



3.6558, -1.5225, 2.2260

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.0959, 6.4874, -11.6893



49.1257, 11.6625, -20.6773



40.6016, 11.3086, -9.3459



22.2733, 0.3548, -1.1915



14.6198, 36.5443, -79.7572



1.4544, 3.2591, -5.0172

Previews

White Background



This preview shows how the HunterLab color 48.3765, -10.1366, 13.5806 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.3765, -10.1366, 13.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

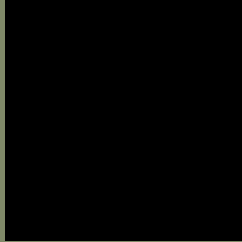
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

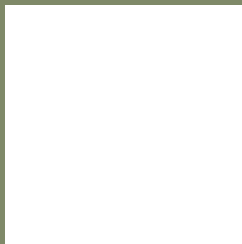
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.3765, -10.1366, 13.5806 Background



This preview shows how black text looks on a background with the HunterLab color 48.3765, -10.1366, 13.5806.



This preview shows how white text looks on a background with the HunterLab color 48.3765,

-10.1366, 13.5806.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.3765, -10.1366, 13.5806

Protanopia

48.4615, -3.9910, 14.4127

Deuteranopia

48.1538, 3.6150, 12.9464



Tritanopia

48.3333, -0.9363, -1.6261

Trichromacy



Original Color

48.3765, -10.1366, 13.5806

Protanomaly

48.3196, -5.9115, 13.9255

Deuteranomaly

48.2413, -1.7494, 13.2700

Tritanomaly

48.3265, -4.6883, 4.6414

Monochromacy



Original Color

48.3765, -10.1366, 13.5806

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.7731, -5.5418, 6.8905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3765, -10.1366, 13.5806 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 137, 104)` looks like.

```
.text, #text, p{  
    color:rgb(127, 137, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 137, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3765, -10.1366, 13.5806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 137, 104) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 137, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 137, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 137, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 137, 104);  
box-shadow:4px 4px 4px 4px rgb(127, 137,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3765, -10.1366, 13.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 137, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
137, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor